

PATENTS
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Kim et al.)
)
Serial No.: **10/706,187**)
)
Filed: **November 12, 2003**)
)
For: **High-Speed Analog-to-Digital**)
Conversion With Improved)
Robustness to Timing Uncertainty)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
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
February 25, 2004

Sir:

The citation of information on the attached Form PTO-1449, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed.

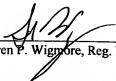
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Respectfully submitted,


Steven P. Wigmore
Reg. No. 40,447

King & Spalding LLP
191 Peachtree Street, N.E., 45th Floor
Atlanta, GA 30303
404.572.4600
K&S Docket: 07982.105019
3423532

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 25, 2004.


Steven P. Wigmore, Reg. No. 40,447

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PTT DOCKET NO. 07982.105019	SERIAL NO. 19706,187	FILING DATE November 12, 2003
APPLICANT Kim et al.		GROUP Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2,632,058	3/17/1953	Frank Gray			11/13/1947
	AB	3,445,771	5/20/1969	Clapham et al.			2/28/1966
	AC	3,571,725	3/23/1971	Kaneko et al.			5/22/1968
	AD	3,714,437	1/30/1973	Tracy Stewart Kinsel			8/14/1970
	AE	3,806,915	4/23/1974	Higgins et al.			9/5/1972
	AF	3,977,795	8/31/1976	Buschmann, Hans-Theo			2/11/1974
	AG	4,287,756	9/8/1981	Gallagher, John J.			10/24/1979
	AH	4,349,914	9/14/1982	Evans, Randall G.			4/1/1980
	AI	4,363,127	12/7/1982	Evans et al.			1/12/1981
	AJ	4,386,339	5/31/1983	Henry et al.			4/5/1982
	AK	4,387,461	8/7/1984	Evans, Randall G.			3/11/1981
	AJ	4,393,499	7/12/1983	Evans, Randall G.			3/11/1981
	AM	4,464,771	8/7/1984	Sorensen, Bendt H.			4/2/1982
	AN	4,470,126	9/4/1984	Yusuf A. Haque			10/29/1981
	AO	4,479,266	10/23/1984	Eumurian et al.			8/10/1982
	AP	4,521,883	6/4/1985	Roché, Bernard			6/21/1982
	AQ	4,584,720	4/22/1986	Ian Garrett			8/30/1983
	AR	4,618,941	10/21/1986	Linder et al.			9/19/1983
	AS	4,651,026	3/17/1987	Serfaty et al.			6/11/1984§

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APPLICANT Kim et al.		GROUP Unassigned

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	4,751,497	6/14/1988	Toshihiro Torii			4/18/1986
	BB	4,830,493	5/16/1989	Giebler, Robert			10/29/1987
	BC	4,847,521	7/11/1989	Huignard et al.			12/22/1987
	BD	4,864,590	9/5/1989	Arnon et al.			6/30/1988
	BE	4,912,726	3/27/1990	Iwamatsu et al.			1/8/1988
	BF	4,959,535	9/25/1990	Ian Garrett			10/10/1989
	BG	4,978,957	12/18/1990	Hotta et al.			2/6/1990
	BH	5,007,106	4/9/1991	Kahn et al.			11/8/1989
	BI	5,008,957	4/16/1991	Mikio Klyono			3/3/1989
	BJ	5,012,475	4/30/1991	Bruce D. Campbell			4/17/1990
	BK	5,067,126	11/19/1991	Moore, Thomas E.			8/4/1989
	BL	5,072,221	12/10/1991	Schmidt, Robert R.			8/4/1988
	BM	5,111,065	5/5/1992	James K. Roberge			3/23/1990
	BN	5,113,278	5/12/1992	Degura et al.			4/20/1990
	BO	5,115,450	5/19/1992	Arcuri, Salvatore			7/6/1989
	BP	5,121,411	6/9/1992	Fluharty, Kevin L.			7/24/1990
	BQ	5,128,790	7/7/1992	Heidemann et al.			9/12/1991
	BR	5,132,639	7/21/1992	Blauvelt et al.			2/8/1991
	BS	5,151,698	9/29/1992	Lucien Pophillat			9/18/1990

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	CA	5,181,034	1/19/1993	Takakura et al.			4/29/1992
	CB	5,184,131	2/2/1993	Ikeda, Hiroshi			6/20/1990
	CC	5,208,833	5/4/1993	Erhart et al.			4/8/1991
	CD	5,222,103	6/22/1993	Richard W. Gross			1/2/1991
	CE	5,223,834	6/29/1993	Wang et al.			11/29/1991
	CF	5,225,798	7/6/1993	Hunsinger et al.			5/31/1991
	CG	5,237,590	8/17/1993	Kazawa et al.			12/11/1991
	CH	5,243,613	9/7/1993	Gysel et al.			11/5/1991
	CI	5,252,930	10/12/1993	Henry A. Blauvelt			7/21/1992
	CJ	5,282,072	1/25/1994	Nazarathy et al.			11/19/1991
	CK	5,283,679	2/1/1994	Wedding, Berthold			12/10/1991
	CL	5,291,031	3/1/1994	MacDonald et al.			4/6/1992
	CM	5,293,406	3/8/1994	Hiroshi Suzuki			3/11/1992
	CN	5,300,930	4/5/1994	Burger et al.			10/29/1991
	CO	5,321,543	6/14/1994	Huber, David R.			10/20/1992
	CP	5,321,710	6/14/1994	Cornish et al.			4/19/1993
	CQ	5,327,279	7/5/1994	Farina et al.			7/17/1992
	CR	5,343,322	8/30/1994	Pirio et al.			12/23/1992
	CS	5,351,148	9/27/1994	Maeda et al.			5/26/1993

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA	5,355,240	10/11/1994	Prigent et al.			9/1/1992
	DB	5,361,156	11/1/1994	Rezin E. Pidgeon			12/9/1991
	DC	5,371,625	12/6/1994	Wedding et al.			1/29/1993
	DD	5,373,384	12/13/1994	Jean-Paul Hebert			7/30/1993
	DE	5,376,786	12/27/1994	MacDonald, R. Ian			4/22/1993
	DF	5,382,955	1/17/1995	Knierim, Daniel G.			11/4/1993
	DG	5,387,887	2/7/1995	Zimmerman et al.			3/4/1994
	DH	5,408,485	4/18/1995	Gordon W. Ries			5/11/1994
	DI	5,413,047	5/9/1995	Evans et al.			10/15/1993
	DJ	5,416,628	5/16/1995	Betti et al.			11/9/1992
	DK	5,418,637	5/23/1995	Chien-Yu Kuo			5/16/1994
	DL	5,424,680	6/13/1995	Nazarathy et al.			11/30/1993
	DM	5,428,643	6/27/1995	Razzell, Charles J. H.			7/28/1993
	DN	5,436,752	7/25/1995	Wedding, Berthold			10/28/1993
	DO	5,436,756	7/25/1995	Knox et al.			9/30/1992
	DP	5,450,044	9/12/1995	Timothy P. Hulick			4/14/1993
	DQ	5,481,389	1/2/1996	Pidgeon et al.			10/9/1992
	DR	5,504,633	4/2/1996	Gijsbert J. Van Den Enden			11/21/1994
	DS	5,510,919	4/23/1996	Berthold Wedding			11/28/1994

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA	5,528,710	6/18/1996	Burton et al.			5/5/1993
	EB	5,548,253	8/20/1996	Randolph L. Durrant			4/17/1995
	EC	5,574,743	11/12/1996	van der Poel et al.			3/21/1995
	ED	5,589,786	12/31/1996	Bella et al.			6/1/1995
	EE	5,612,653	3/18/1997	Dodds et al.			6/7/1995
	EF	5,625,360	4/29/1977	Garrity et al.			9/5/1995
	EG	5,644,325	7/1/1997	King et al.			12/12/1994
	EH	5,670,871	9/23/1997	Man et al.			7/16/1996
	EI	5,675,600	10/7/1997	Yamamoto			6/11/1996
	EJ	5,678,198	10/14/1997	Paul H. Lemson			5/15/1995
	EK	5,689,356	11/18/1997	Attilio Joseph Rainal			7/26/1996
	EL	5,706,008	1/6/1998	Huntley, Jr. et al.			3/1/1996
	EM	5,721,315	2/24/1998	Evans et al.			8/16/1995
	EN	5,723,176	3/3/1998	Keyworth et al.			7/8/1996
	EO	5,754,681	5/19/1998	Watanabe et al.			6/22/1995
	EP	5,757,763	5/26/1998	Green et al.			6/13/1997
	EQ	5,761,243	6/2/1998	Russell et al.			5/3/1996
	ER	5,764,542	6/9/1998	Gaudette et al.			1/1/1996
	ES	5,783,630	7/21/1998	Evans et al.			7/7/1995

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	FA	5,784,032	7/21/1998	Johnston et al.			11/1/1995
	FB	5,798,854	8/25/1998	Blauvelt et al.			11/27/1996
	FC	5,801,657	9/1/1998	Fowler et al.			2/5/1997
	FD	5,802,089	9/1/1998	Garry N. Link			10/22/1996
	FE	5,812,578	9/22/1998	Schermmann et al.			6/16/1995
	FF	5,825,257	10/20/1998	Klymyshyn et al.			6/17/1997
	FG	5,825,825	10/20/1998	Altmann et al.			9/17/1996
	FH	5,828,329	10/27/1998	Burns, Lawrence M.			12/5/1996
	FI	5,839,105	11/17/1998	Ostendorf et al.			11/29/1996
	FJ	5,841,841	11/24/1998	Dodds et al.			3/14/1996
	FK	5,848,139	12/8/1998	Grover, Wayne D.			11/19/1996
	FL	5,850,409	12/15/1998	Garry N. Link			3/21/1997
	FM	5,850,505	12/15/1998	Grover et al.			11/1/1995
	FN	5,852,389	12/22/1998	Kumar et al.			4/17/1997
	FO	5,859,862	1/12/1999	Hikasa et al.			6/20/1995
	FP	5,861,966	1/19/1999	Ortel, William G.			12/27/1995
	FQ	5,872,468	2/16/1999	Dyke, Peter J.			6/12/1997
	FR	5,878,390	3/2/1999	Kawai et al.			6/23/1997
	FS	5,880,870	3/9/1999	Sieben et al.			10/28/1996

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	GA 5,883,910	3/16/1999	Garry N. Link			7/3/1997
	GB 5,887,022	3/23/1999	Lee et al.			6/12/1996
	GC 5,889,759	3/30/1999	McGibney, Grant			8/13/1996
	GD 5,896,392	4/20/1999	Ono et al.			6/19/1997
	GE 5,912,749	6/15/1999	Harstead et al.			2/11/1997
	GF 5,923,226	7/13/1999	Kakura et al.			8/12/1997
	GG 5,942,576	8/24/1999	Evans et al.			11/3/1997
	GH 5,943,457	8/24/1999	Hayward et al.			3/24/1998
	GI 5,949,926	9/7/1999	Davies, Robert J.			12/15/1997
	GJ 5,959,032	9/28/1999	Evans et al.			7/8/1996
	GK 5,959,750	9/28/1999	Eskildsen et al.			6/6/1996
	GL 5,965,667	10/12/1999	Evans et al.			11/3/1997
	GM 5,983,178	11/9/1999	Naito et al.			12/10/1998
	GN 5,985,999	11/16/1999	Dominguez et al.			4/23/1997
	GO 5,999,300	12/7/1999	Davies et al.			6/12/1997
	GP 6,009,424	12/28/1999	Lepage et al.			9/3/1997
	GQ 6,021,110	2/1/2000	McGibney, Grant			1/26/1999
	GR 6,028,658	2/22/2000	Hamada et al.			11/25/1998
	GS 6,031,048	2/29/2000	Evans et al.			7/12/1996

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	HA 6,031,866	2/29/2000	Oler et al.			5/30/1997
	HB 6,031,874	2/29/2000	Chennakeshu et al.			9/26/1997
	HC 6,031,866	3/7/2000	Herzberg, Hanan			10/2/1997
	HD 6,035,080	3/7/2000	Henry et al.			6/20/1997
	HE 6,041,299	3/21/2000	Schuster et al.			3/11/1998
	HF 6,072,364	6/6/2000	Jeckeln et al.			6/14/1997
	HG 6,072,615	6/6/2000	Pavel V. Mamyshev			6/13/1997
	HH 6,078,627	6/20/2000	Ian Crayford			12/18/1997
	HI 6,091,782	7/18/2000	Nobuya Harano			7/21/1997
	HJ 6,093,496	7/25/2000	Dominguez et al.			5/12/1998
	HK 6,093,773	7/25/2000	Evans et al.			8/3/1999
	HL 6,108,474	8/22/2000	Eggleton et al.			12/11/1997
	HM 6,111,477	8/29/2000	Klymyshyn et al.			4/17/1997
	HN 6,118,563	9/12/2000	Boskovic et al.			9/18/1998
	HO 6,118,567	9/12/2000	Alameh et al.			9/30/1997
	HP 6,127,480	10/3/2000	Dominguez et al.			10/19/1999
	HQ 6,140,416	10/31/2000	Evans et al.			8/3/1999
	HR 6,140,858	10/31/2000	Francois Dumont			11/18/1997
	HS 6,140,972	10/31/2000	Johnston et al.			12/28/1998

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	IA	6,141,127	10/31/2000	Boivin et al.			2/20/1998
	IB	6,141,387	10/31/2000	Qin Zhang			3/19/1998
	IC	6,148,428	11/14/2000	Welch et al.			5/21/1998
	ID	6,151,150	11/21/2000	Osamu Kikuchi			10/2/1997
	IE	6,154,301	11/28/2000	Philip C. Harvey			11/10/1997
	IF	6,163,638	12/19/2000	Eggleton et al.			10/29/1998
	IG	6,181,454 B1	1/30/2001	Nagahori et al.			4/23/1998
	IH	6,191,719 B1	2/20/2001	Bult et al.			12/10/1999
	II	6,201,916 B1	3/13/2001	Eggleton et al.			3/15/1999
	IJ	6,208,792 B1	3/27/2001	Hwang et al.			9/20/1999
	IK	6,212,654 B1	4/3/2001	Lou et al.			7/22/1997
	IL	6,214,914 B1	4/10/2001	Evans et al.			8/3/1999
	IM	6,219,633 B1	4/17/2001	Lepage, Yves			8/6/1999
	IN	6,226,112 B1	5/1/2001	Denk et al.			6/18/1998
	IO	6,236,963 B1	5/22/2001	Naito et al.			3/16/1999
	IP	6,259,836 B1	7/10/2001	Dodds, David E.			5/14/1998
	IQ	6,259,847 B1	7/10/2001	Lenz et al.			4/7/1999
	IR	6,268,816 B1	7/31/2001	Bult et al.			1/3/2001
	IS	6,271,944 B1	8/7/2001	Schemmann et al.			6/30/1999

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	JB	6,288,668 B1	9/11/2001	Tsukamoto et al.			2/21/1996
	JC	6,289,055 B1	9/11/2001	Herbert Knotz			4/5/1999
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